

Proposed Transportation Work Program Project
Proposed by: Schlappi

1. Title: Urban Transportation Performance Measures Study
2. Brief Description: The Texas Transportation Institute (TTI) will develop a technical guidance report on measuring mobility and reliability. TTI will also provide technical assistance with a variety of issues as MAG moves toward implementation of the regional traffic monitoring system. This system will focus the regions freeways. The technical assistance could include but is not limited to:
 - Continued exploration of various report formats, charts, and related concepts;
 - Further analysis of traffic monitoring data to illustrate key concepts (such as “lost capacity, travel reliability, etc.)
 - Best practices for traffic data storage and management;
 - Best practices for quality control and assurance processes;
 - Development of metadata and documentation;
 - Integration of traffic monitoring data within MAG’s GIS; and
 - Other tasks related to implementing the traffic monitoring system within the Phoenix region.
3. How the project fits with MAG’s mission: An important part of MAG’s function is to prioritize transportation improvements. Twenty five percent of the travel in the MAG region is on freeways. This traffic monitoring system will provide valuable information for prioritizing freeway projects.
4. Resources Required:
 - a. Consultant: \$25,000
 - b. Staff: \$6,000 (60 man hours)
 - c. Other:
 - d. Proposed Budget: \$31,000
 - e. Need for on-going funding or update: Annually
5. Expected Outcome: The first annual report documenting traffic conditions on the MAG freeway system (with available data).
6. Benefit to MAG Member Agencies: A better understanding of traffic conditions on the MAG freeway system.
7. Benefit to the Public: Minimize delay in traffic congestion.